

**SOMERVILLE**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	38.78	28	72	Male	25.50	16	63
Female	17.42	21	121	Female	23.39	16	68
Total	56.20	49	87	Total	48.90	32	65 #-
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	14.23	7	49	Male	7.10	6	84
Female	13.38	12	90	Female	7.75	11	142
Total	27.60	19	69	Total	14.85	17	114
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	2.51	3	NC*	Male	34.36	16	47 ^-
Female	276.87	229	83 ~-	Female	32.82	28	85
Total	279.37	232	83 ~-	Total	67.18	44	65 ~-
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	20.41	20	98	Male	25.92	23	89
				Female	14.33	13	91
				Total	40.25	36	89
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	97.97	104	106	Female	33.85	20	59 #-
Female	112.84	120	106				
Total	210.81	224	106				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	13.63	14	103	Male	14.63	15	103
Female	5.74	3	NC*	Female	18.30	19	104
Total	19.37	17	88	Total	32.93	34	103
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	8.70	6	69	Male	227.50	195	86 #-
Female	7.08	5	71				
Total	15.78	11	70				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	22.64	24	106	Male	16.86	18	107
Female	15.72	16	102	Female	12.34	20	162
Total	38.36	40	104	Total	29.20	38	130
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	13.31	18	135	Male	14.52	13	90

Female	4.18	10	239 #+				
Total	17.49	28	160 #+				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	17.74	16	90	Male	6.00	8	133
Female	15.33	15	98	Female	17.13	11	64
Total	33.07	31	94	Total	23.14	19	82
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	7.81	9	115				
Female	3.81	5	131	Female	51.31	44	86
Total	11.62	14	120				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	121.88	141	116	Male	789.81	736	93
Female	108.09	114	105	Female	877.45	807	92 #-
Total	229.96	255	111	Total	1667.26	1543	93 ~-

---

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels